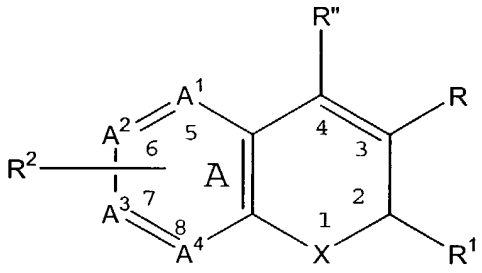
CLAIMS

What is claimed is:

Claim 1 (Presently Amended) A compound of Formula I'



I'

wherein X is ~~selected from O,~~ S~~, CR^cR^b and NR^a~~;

wherein R^a is selected from hydrido, C_1-C_3-alkyl, (optionally substituted phenyl)-C_1-C_3-alkyl, acyl and carboxy-C_1-C_6-alkyl;

wherein each of R^b and R^c is independently selected from hydrido, C_1-C_3-alkyl, phenyl-C_1-C_3-alkyl, C_1-C_3-perfluoroalkyl, chloro, C_1-C_6-alkylthio, C_1-C_6-alkoxy, nitro, cyano and cyano-C_1-C_3-alkyl;

wherein R is selected from carboxyl, aminocarbonyl, C_1-C_6-alkylsulfonylaminocarbonyl and C_1-C_6-alkoxycarbonyl;

wherein R" is selected from hydrido, phenyl, thienyl and C_2-C_6-alkenyl;

wherein R^1 is selected from C_1-C_3-perfluoroalkyl, chloro, C_1-C_6-alkylthio, C_1-C_6-alkoxy, nitro, cyano and cyano-C_1-C_3-alkyl;

wherein R^2 is one or more radicals independently selected from hydrido, halo, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, halo-C_2-C_6-alkynyl, aryl-C_1-C_3-alkyl, aryl-C_2-C_6-alkynyl, aryl-C_2-C_6-alkenyl, C_1-C_6-alkoxy, methylenedioxy, C_1-C_6-alkylthio, C_1-C_6-alkylsulfinyl, aryloxy, arylthio, arylsulfinyl, heteroaryloxy, C_1-C_6-alkoxy-C_1-C_6-alkyl, aryl-C_1-C_6-alkyloxy, heteroaryl-C_1-C_6-alkyloxy, aryl-C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_1-C_6-haloalkoxy, C_1-C_6-

haloalkylthio, C_1-C_6-haloalkylsulfinyl, C_1-C_6-haloalkylsulfonyl, C_1-C_3-(haloalkyl-C_1-C_3-hydroxyalkyl, C_1-C_6-hydroxyalkyl, hydroxyimino-C_1-C_6-alkyl, C_1-C_6-alkylamino, arylamino, aryl-C_1-C_6-alkylamino, heteroarylamino, heteroaryl-C_1-C_6-alkylamino, nitro, cyano, amino, aminosulfonyl, C_1-C_6-alkylaminosulfonyl, arylaminosulfonyl, heteroarylaminosulfonyl, aryl-C_1-C_6-alkylaminosulfonyl, heteroaryl-C_1-C_6-alkylaminosulfonyl, heterocyclylsulfonyl, C_1-C_6-alkylsulfonyl, aryl-C_1-C_6-alkylsulfonyl, optionally substituted aryl, optionally substituted heteroaryl, aryl-C_1-C_6-alkylcarbonyl, heteroaryl-C_1-C_6-alkylcarbonyl, heteroarylcarbonyl, arylcarbonyl, aminocarbonyl, C_1-C_6-alkoxycarbonyl, formyl, C_1-C_6-haloalkylcarbonyl and C_1-C_6-alkylcarbonyl; and

wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least two of A^1, A^2, A^3 and A^4 are carbon;

or wherein R^2 together with ring A forms a radical selected from naphthyl, quinolyl, isoquinolyl, quinolizinyl, quinoxalinyl and dibenzofuryl;

or an isomer or pharmaceutically acceptable salt thereof.

Claim 2 (Presently Amended) A compound of Claim 1 wherein X is ~~selected from O,~~ S~~, CR^cR^b and NR^a~~; wherein R^a is selected from hydrido, C_1-C_3-alkyl, (optionally substituted phenyl)-C_1-C_3-alkyl, acyl and carboxy-C_1-C_6-alkyl; wherein each of R^b and R^b is independently selected from hydrido, C_1-C_3-alkyl, phenyl-C_1-C_3-alkyl, C_1-C_3-perfluoroalkyl, chloro, C_1-C_6-alkylthio, C_1-C_6-alkoxy, nitro, cyano and cyano-C_1-C_3-alkyl; wherein R is selected from carboxyl, aminocarbonyl, C_1-C_6-alkylsulfonylaminocarbonyl and C_1-C_6-alkoxycarbonyl; wherein R" is selected from hydrido, phenyl, thienyl and C_2-C_6-alkenyl; wherein R^1 is selected from C_1-C_3-perfluoroalkyl,

chloro, C_1-C_6-alkylthio, C_1-C_6-alkoxy, nitro, cyano and cyano-C_1-C_3-alkyl; wherein R^2 is one or more radicals independently selected from hydrido, halo, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, halo-C_2-C_6-alkynyl, aryl-C_1-C_3-alkyl, aryl-C_2-C_6-alkynyl, aryl-C_2-C_6-alkenyl, C_1-C_6-alkoxy, methylenedioxy, C_1-C_6-alkylthio, C_1-C_6-alkylsulfinyl, aryloxy, arylthio, arylsulfinyl, heteroaryloxy, C_1-C_6-alkoxy-C_1-C_6-alkyl, aryl-C_1-C_6-alkyloxy, heteroaryl-C_1-C_6-alkyloxy, aryl-C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-haloalkyl, C_1-C_6-haloalkoxy, C_1-C_6-haloalkylthio, C_1-C_6-haloalkylsulfinyl, C_1-C_6-haloalkylsulfonyl, C_1-C_3-(haloalkyl-C_1-C_3-hydroxyalkyl, C_1-C_6-hydroxyalkyl, hydroxyimino-C_1-C_6-alkyl, C_1-C_6-alkylamino, arylamino, aryl-C_1-C_6-alkylamino, heteroarylamino, heteroaryl-C_1-C_6-alkylamino, nitro, cyano, amino, aminosulfonyl, C_1-C_6-alkylaminosulfonyl, arylaminosulfonyl, heteroarylaminosulfonyl, aryl-C_1-C_6-alkylaminosulfonyl, heteroaryl-C_1-C_6-alkylaminosulfonyl, heterocyclylsulfonyl, C_1-C_6-alkylsulfonyl, aryl-C_1-C_6-alkylsulfonyl, optionally substituted aryl, optionally substituted heteroaryl, aryl-C_1-C_6-alkylcarbonyl, heteroaryl-C_1-C_6-alkylcarbonyl, heteroarylcarbonyl, arylcarbonyl, aminocarbonyl, C_1-C_6-alkoxycarbonyl, formyl, C_1-C_6-haloalkylcarbonyl and C_1-C_6-alkylcarbonyl; and wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least three of A^1, A^2, A^3 and A^4 are carbon; or wherein R^2 together with ring A forms a naphthyl or quinolyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 3 (Presently Amended) A compound of Claim 2 wherein X is ~~selected from O,~~ S ~~and NR^a~~; wherein R^a is selected from hydrido, C_1-C_3-alkyl and (optionally substituted phenyl)methyl; wherein R is carboxyl; wherein R" is selected from hydrido and C_2-C_6-alkenyl; wherein R^1 is selected from C_1-C_3-perfluoroalkyl; wherein R^2 is one or more radicals independently selected from hydrido, halo, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, halo-C_2-C_6-alkynyl, phenyl-C_1-

C_6-alkyl, phenyl-C_2-C_6-alkynyl, phenyl-C_2-C_6-alkenyl, C_1-C_3-alkoxy, methylenedioxy, C_1-C_3-alkoxy-C_1-C_3-alkyl, C_1-C_3-alkylthio, C_1-C_3-alkylsulfinyl, phenyloxy, phenylthio, phenylsulfinyl, C_1-C_3-haloalkyl-C_1-C_3-hydroxyalkyl, phenyl-C_1-C_3-alkyloxy-C_1-C_3-alkyl, C_1-C_3-haloalkyl, C_1-C_3-haloalkoxy, C_1-C_3-haloalkylthio, C_1-C_3-hydroxyalkyl, C_1-C_3-alkoxy-C_1-C_3-alkyl, hydroxyimino-C_1-C_3-alkyl, C_1-C_6-alkylamino, nitro, cyano, amino, aminosulfonyl, N-alkylaminosulfonyl, N-arylaminosulfonyl, N-heteroarylaminosulfonyl, N-(phenyl-C_1-C_6-alkyl)aminosulfonyl, N-(heteroaryl-C_1-C_6-alkyl)aminosulfonyl, phenyl-C_1-C_3-alkylsulfonyl, 5- to 8-membered heterocyclylsulfonyl, C_1-C_6-alkylsulfonyl, optionally substituted phenyl, optionally substituted 5- to 9-membered heteroaryl, phenyl-C_1-C_6-alkylcarbonyl, phenylcarbonyl, 4-chlorophenylcarbonyl, 4-hydroxyphenylcarbonyl, 4-trifluoromethylphenylcarbonyl, 4-methoxyphenylcarbonyl, aminocarbonyl, formyl, and C_1-C_6-alkylcarbonyl; wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least three of A^1, A^2, A^3 and A^4 are carbon; or wherein R^2 together with ring A forms a naphthyl, benzofurylphenyl, or quinolyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 4 (Presently Amended) A compound of Claim 3 wherein X is ~~selected from O,~~ S ~~and NR~~^{a}; wherein R^a is selected from hydrido, methyl, ethyl, (4-trifluoromethyl)benzyl, (4-chloromethyl)benzyl, (4-methoxy)benzyl, and (4-cyano)benzyl, (4-nitro)benzyl; wherein R is carboxyl; wherein R" is selected from hydrido and ethenyl; wherein R^1 is selected from trifluoromethyl and pentafluoroethyl; wherein R^2 is one or more radicals independently selected from hydrido, chloro, bromo, fluoro, iodo, methyl, tert-butyl, ethenyl, ethynyl, 5-chloro-1-pentynyl, 1-pentynyl, 3,3-dimethyl-1-butynyl, benzyl, phenylethyl, phenyl-ethynyl, 4-chlorophenyl-ethynyl,

4-methoxyphenyl-ethynyl, phenylethenyl, methoxy, methylthio, methylsulfinyl, phenyloxy, phenylthio, phenylsulfinyl, methylenedioxy, benzyloxymethyl, trifluoromethyl, difluoromethyl, pentafluoroethyl, trifluoromethoxy, trifluoromethylthio, hydroxymethyl, hydroxy-trifluoroethyl, methoxymethyl, hydroxyiminomethyl, N-methylamino, nitro, cyano, amino, aminosulfonyl, N-methylaminosulfonyl, N-phenylaminosulfonyl, N-furylaminosulfonyl, N-(benzyl)aminosulfonyl, N-(furylmethyl)aminosulfonyl, benzylsulfonyl, phenylethylaminosulfonyl, furylsulfonyl, methylsulfonyl, phenyl, phenyl substituted with one or more radicals selected from chloro, fluoro, bromo, methoxy, methylthio and methylsulfonyl, benzimidazolyl, thienyl, thienyl substituted with chloro, furyl, furyl substituted with chloro, benzylcarbonyl, optionally substituted phenylcarbonyl, aminocarbonyl, formyl and methylcarbonyl; wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least three of A^1, A^2, A^3 and A^4 are carbon; or wherein R^2 together with ring A forms a naphthyl, or quinolyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 5-10 (Cancel)

Claim 11 (Original) A compound of Claim 2 wherein X is S; wherein R is carboxyl; wherein R^1 is selected from C_1-C_3-perfluoroalkyl; wherein R^2 is one or more radicals independently selected from hydrido, halo, C_1-C_6-alkyl, phenyl-C_1-C_6-alkyl, phenyl-C_2-C_6-alkynyl, phenyl-C_2-C_6-alkenyl, C_1-C_6-alkoxy, phenyloxy, 5- or 6-membered heteroaryloxy, phenyl-C_1-C_6-alkyloxy, 5- or 6-membered heteroaryl-C_1-C_6-alkyloxy, C_1-C_6-haloalkyl, C_1-C_6-haloalkoxy, C_1-C_6-alkylamino, N-phenylamino, N-(phenyl-C_1-C_6-alkyl)amino, N-heteroarylamino, N-(heteroaryl-C_1-C_6-alkylamino, nitro, amino, aminosulfonyl, N-alkylaminosulfonyl, N-arylaminosulfonyl, N-

heteroarylaminosulfonyl, N-(phenyl-C_1-C_6-alkyl)aminosulfonyl, N-(heteroaryl-C_1-C_6-alkyl)aminosulfonyl, 5- to 8-membered heterocyclylsulfonyl, C_1-C_6-alkylsulfonyl, optionally substituted phenyl, optionally substituted 5- or 6-membered heteroaryl, phenyl-C_1-C_6-alkylcarbonyl, heteroarylcarbonyl, phenylcarbonyl, aminocarbonyl, and C_1-C_6-alkylcarbonyl; wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least three of A^1, A^2, A^3 and A^4 are carbon; or an isomer or pharmaceutically acceptable salt thereof.

Claim 12 (Original) A compound of Claim 11 wherein X is S; wherein R is carboxyl; wherein R" is selected from hydrido and ethenyl; wherein R^1 is selected from trifluoromethyl and pentafluoroethyl; wherein R^2 is one or more radicals independently selected from hydrido, chloro, bromo, fluoro, iodo, methyl, tert-butyl, ethenyl, ethynyl, 5-chloro-1-pentynyl, 1-pentynyl, 3,3-dimethyl-1-butynyl, benzyl, phenylethyl, phenyl-ethynyl, 4-chlorophenyl-ethynyl, 4-methoxyphenyl-ethynyl, phenylethenyl, methoxy, methylthio, methylsulfinyl, phenyloxy, phenylthio, phenylsulfinyl, pyridyloxy, thienyloxy, furyloxy, phenylmethoxy, methylenedioxy, benzyloxymethyl, trifluoromethyl, difluoromethyl, pentafluoroethyl, trifluoromethoxy, trifluoromethylthio, hydroxymethyl, hydroxy-trifluoroethyl, methoxymethyl, hydroxyiminomethyl, N-methylamino, N-phenylamino, N-(benzyl)amino, nitro, cyano, amino, aminosulfonyl, N-methylaminosulfonyl, N-phenylaminosulfonyl, N-furylaminosulfonyl, N-(benzyl)aminosulfonyl, N-(furylmethyl)aminosulfonyl, benzylsulfonyl, phenylethylaminosulfonyl, furylsulfonyl, methylsulfonyl, phenyl, phenyl substituted with one or more radicals selected from chloro, fluoro, bromo, methoxy, methylthio and methylsulfonyl, benzimidazolyl, thienyl, thienyl substituted with chloro, furyl, furyl substituted with chloro, benzylcarbonyl, furylcarbonyl, phenylcarbonyl, aminocarbonyl,

formyl, and methylcarbonyl; wherein the A ring atoms A^1, A^2, A^3 and A^4 are carbon; or an isomer or pharmaceutically acceptable salt thereof.

Claim 13 (Original) A compound of Claim 12 selected from compounds, and their isomers and pharmaceutically-acceptable salts, of the group consisting of

6-chloro-2-trifluoromethyl-2H-1-benzothiopyran-3-carboxylic acid;
6-methyl-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
6,8-dimethyl-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
6-(1,1-dimethylethyl)-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
7-methyl-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
6,7-dimethyl-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
8-methyl-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
6-chloro-7-methyl-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
7-chloro-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
6,7-dichloro-2-(trifluoromethyl)-2H-1-benzothiopyran-3-carboxylic acid;
2-(trifluoromethyl)-6-[(trifluoromethyl)thio]-2H-1-benzopyran-3-carboxylic acid; and
6,8-dichloro-2-trifluoromethyl-2H-1-benzothiopyran-3-carboxylic acid.

Claims 14-16 (Cancel)

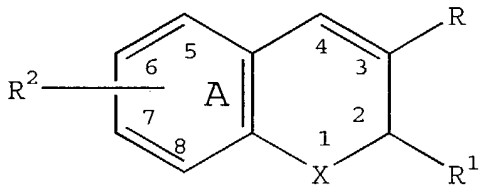
Claim 17 (Presently Amended) A compound of Claim 2 wherein X is ~~selected from O,~~ S ~~and NR^a~~; wherein R^a is selected from hydrido, C_1-C_3-alkyl, phenyl-C_1-C_3-alkyl, acyl and carboxy-C_1-C_3-alkyl; wherein R is selected from carboxyl; wherein R^1 is selected from C_1-C_3-

perfluoroalkyl; wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least three of A^1, A^2, A^3 and A^4 are carbon; and wherein R^2 together with ring A forms a naphthyl or quinolyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 18 (Presently Amended) A compound of Claim 17 wherein X is ~~selected from O,~~ S ~~and NR~~^{a}; wherein R^a is selected from hydrido, methyl, ethyl, (4-trifluoromethyl)benzyl, (4-chloromethyl)benzyl, (4-methoxy)benzyl, and (4-cyano)benzyl, (4-nitro)benzyl; wherein R is carboxyl; wherein R" is selected from hydrido and ethenyl; wherein R^1 is selected from trifluoromethyl and pentafluoroethyl; wherein the A ring atoms A^1, A^2, A^3 and A^4 are independently selected from carbon and nitrogen with the proviso that at least three of A^1, A^2, A^3 and A^4 are carbon; or wherein R^2 together with ring A forms a naphthyl, or quinolyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 19 (Cancel)

Claim 20 (Presently Amended) A compound of Formula I



I

wherein X is ~~selected from O or~~ S ~~or NR~~^{a};

wherein R^a is alkyl;

wherein R is selected from carboxyl, aminocarbonyl, alkylsulfonylaminocarbonyl and alkoxycarbonyl;

wherein R^1 is selected from haloalkyl, alkyl, aralkyl, cycloalkyl and aryl optionally substituted with one or more radicals selected from alkylthio, nitro and alkylsulfonyl; and

wherein R^2 is one or more radicals selected from hydrido, halo, alkyl, aralkyl, alkoxy, aryloxy, heteroaryloxy, aralkyloxy, heteroaralkyloxy, haloalkyl, haloalkoxy, alkylamino, arylamino, aralkylamino, heteroarylamino, heteroarylalkylamino, nitro, amino, aminosulfonyl, alkylaminosulfonyl, arylaminosulfonyl, heteroarylaminosulfonyl, aralkylaminosulfonyl, heteroaralkylaminosulfonyl, heterocyclosulfonyl, alkylsulfonyl, optionally substituted aryl, optionally substituted heteroaryl, aralkylcarbonyl, heteroarylcarbonyl, arylcarbonyl, aminocarbonyl, and alkylcarbonyl;

or wherein R^2 together with ring A forms a naphthyl radical;

or an isomer or pharmaceutically acceptable salt thereof.

Claim 21 (Presently Amended) Compound of Claim 20 ~~**wherein X is oxygen or sulfur;**~~ wherein R is selected from carboxyl, lower alkyl, lower aralkyl and lower alkoxycarbonyl; wherein R^1 is selected from lower haloalkyl, lower cycloalkyl and phenyl; and wherein R^2 is one or more radicals selected from hydrido, halo, lower alkyl, lower alkoxy, lower haloalkyl, lower haloalkoxy, lower alkylamino, nitro, amino, aminosulfonyl, lower alkylaminosulfonyl, 5- or 6- membered heteroarylalkylaminosulfonyl, lower aralkylaminosulfonyl, 5- or 6-membered nitrogen containing heterocyclosulfonyl, lower alkylsulfonyl, optionally substituted phenyl, lower aralkylcarbonyl, and lower alkylcarbonyl; or wherein R^2 together with ring A forms a naphthyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 22 (Presently Amended) Compound of Claim 21 ~~**wherein X is oxygen or sulfur;**~~ wherein R is carboxyl; wherein R^1 is lower haloalkyl; and wherein R^2 is one or more radicals selected from hydrido,

halo, lower alkyl, lower haloalkyl, lower haloalkoxy, lower alkylamino, amino, aminosulfonyl, lower alkylaminosulfonyl, 5- or 6- membered heteroarylalkylaminosulfonyl, lower aralkylaminosulfonyl, lower alkylsulfonyl, 6- membered nitrogen containing heterocyclosulfonyl, optionally substituted phenyl, lower aralkylcarbonyl, and lower alkylcarbonyl; or wherein R^2 together with ring A forms a naphthyl radical; or an isomer or pharmaceutically acceptable salt thereof.

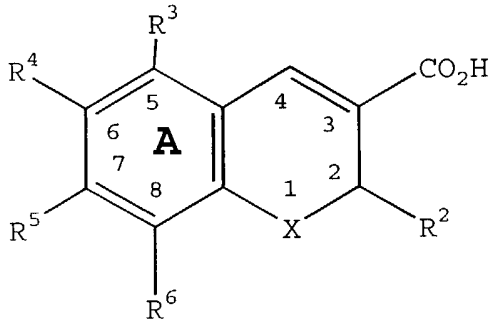
Claim 23 (Original) Compound of Claim 22 wherein R is carboxyl; wherein R^1 is selected from fluoromethyl, chloromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, difluoromethyl, and trifluoromethyl; and wherein R^2 is one or more radicals selected from hydrido, chloro, fluoro, bromo, iodo, methyl, ethyl, isopropyl, *tert*-butyl, butyl, isobutyl, pentyl, hexyl, methoxy, ethoxy, isopropyloxy, tertbutyloxy, trifluoromethyl, difluoromethyl, trifluoromethoxy, amino, N,N-dimethylamino, N,N-diethylamino, N-phenylmethylaminosulfonyl, N-phenylethylaminosulfonyl, N-(2-furylmethyl)aminosulfonyl, nitro, N,N-dimethylaminosulfonyl, aminosulfonyl, N-methylaminosulfonyl, N-ethylsulfonyl, 2,2-dimethylethylaminosulfonyl, N,N-dimethylaminosulfonyl, N-(2-methylpropyl)aminosulfonyl, N-morpholinosulfonyl, methylsulfonyl, benzylcarbonyl, 2,2-dimethylpropylcarbonyl, phenylacetyl and phenyl; or wherein R^2 together with ring A forms a naphthyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 24 (Original) Compound of Claim 23 wherein R is carboxyl; wherein R^1 is trifluoromethyl or pentafluorethyl; and wherein R^2 is one or more radicals selected from hydrido, chloro, fluoro, bromo, iodo, methyl, ethyl, isopropyl, *tert*-butyl, methoxy, trifluoromethyl, trifluoromethoxy, N-phenylmethylaminosulfonyl, N-

phenylethylaminosulfonyl, N-(2-furylmethyl)aminosulfonyl, N,N-dimethylaminosulfonyl, N-methylaminosulfonyl, N-(2,2-dimethylethyl)aminosulfonyl, dimethylaminosulfonyl, 2-methylpropylaminosulfonyl, N-morpholinosulfonyl, methylsulfonyl, benzylcarbonyl, and phenyl; or wherein R^2 together with ring A forms a naphthyl radical; or an isomer or pharmaceutically acceptable salt thereof.

Claim 25 (Cancel)

Claim 26 (Presently Amended) A compound of Formula II



II

wherein X is ~~O or~~ S;

wherein R^2 is lower haloalkyl;

wherein R^3 is selected from hydrido, and halo;

wherein R^4 is selected from hydrido, halo, lower alkyl, lower haloalkoxy, lower alkoxy, lower aralkylcarbonyl, lower dialkylaminosulfonyl, lower alkylaminosulfonyl, lower aralkylaminosulfonyl, lower heteroaralkylaminosulfonyl, and 5- or 6-membered nitrogen-containing heterocyclosulfonyl;

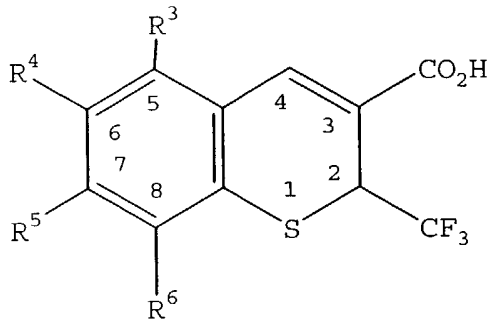
wherein R^5 is selected from hydrido, lower alkyl, halo, lower alkoxy, and aryl; and

wherein R^6 is selected from hydrido, halo, lower alkyl, lower alkoxy, and aryl;

or an isomer or pharmaceutically acceptable salt thereof.

Claims 27-28 (Cancel)

Claim 29 (Original) A compound of Formula IIb:



IIb

wherein R^3 is selected from hydrido, lower alkyl, lower hydroxyalkyl, lower alkoxy and halo; wherein R^4 is selected from hydrido, halo, lower alkyl, lower alkylthio, lower haloalkyl, amino, aminosulfonyl, lower alkylsulfonyl, lower alkylsulfinyl, lower alkoxyalkyl, lower alkylcarbonyl, formyl, cyano, lower haloalkylthio, substituted or unsubstituted phenylcarbonyl, lower haloalkoxy, lower alkoxy, lower aralkylcarbonyl, lower dialkylaminosulfonyl, lower alkylaminosulfonyl, lower aralkylaminosulfonyl, lower heteroaralkylaminosulfonyl, 5- or 6-membered heteroaryl, lower hydrooxyalkyl, optionally substituted phenyl and 5- or 6- membered nitrogen containing heterocyclosulfonyl; wherein R^5 is selected from hydrido, lower alkyl, halo, lower haloalkyl, lower alkoxy, and phenyl; and wherein R^6 is selected from hydrido, halo, cyano, hydrooxyiminomethyl, lower hydroxyalkyl, lower alkynyl, phenylalkynyl, lower alkyl, lower alkoxy, formyl and phenyl; or an isomer or pharmaceutically acceptable salt thereof.

Claim 30 (Original) Compound of Claim 29 wherein R^3 is selected from hydrido, and chloro; wherein R^4 is selected from chloro,

methyl, tert-butyl, methylthio, trifluoromethyl, difluoromethyl, pentafluoromethyl, trifluoromethylsulfide, trifluoromethooxy, cyano, substituted or unsubstituted phenylcarbonyl, and substituted or unsubstituted phenyl; wherein R^5 is selected from hydrido, methyl, tert-butyl, chloro; and wherein R^6 is selected from hydrido, chloro, thienyl, hydroxyiminomethyl, substituted or unsubstituted phenylethynyl, and substituted or unsubstituted phenyl; or an isomer or pharmaceutically acceptable salt thereof.

Claim 31-32 (Cancel)

Claim 33 (Presently Amended) A method of treating a cyclooxygenase-2 mediated disorder in a subject, said method comprising treating the subject having or susceptible to said disorder with a therapeutically-effective amount of a compound of Claim**s** 1-~~31~~; or a pharmaceutically-acceptable salt thereof.

Claim 34 (Original) The method of Claim 33 wherein the cyclooxygenase-2 mediated disorder is inflammation.

Claim 35 (Original) The method of Claim 33 wherein the cyclooxygenase-2 mediated disorder is arthritis.

Claim 36 (Original) The method of Claim 33 wherein the cyclooxygenase-2 mediated disorder is pain.

Claim 37 (Original) The method of Claim 33 wherein the cyclooxygenase-2 mediated disorder is fever.

Claim 38 (Presently Amended) A pharmaceutical composition comprising a therapeutically-effective amount of a compound, said compound selected from a family of compounds of Claim**s** 1-~~31~~; or a pharmaceutically-acceptable salt thereof.